

Fig. 1(a)

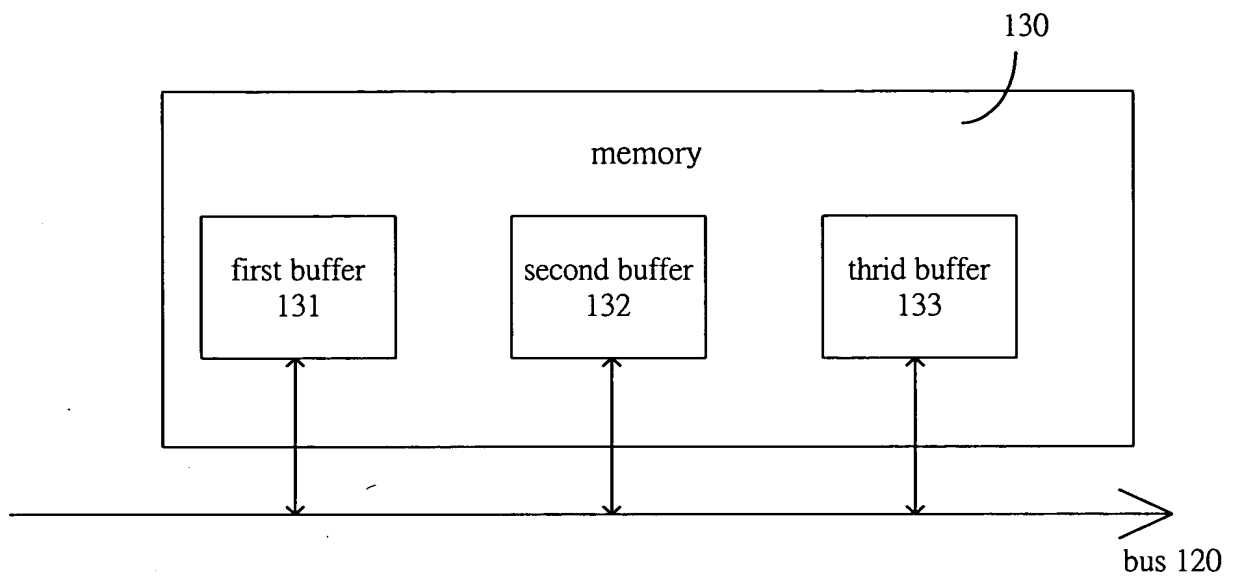


Fig. 1(b)

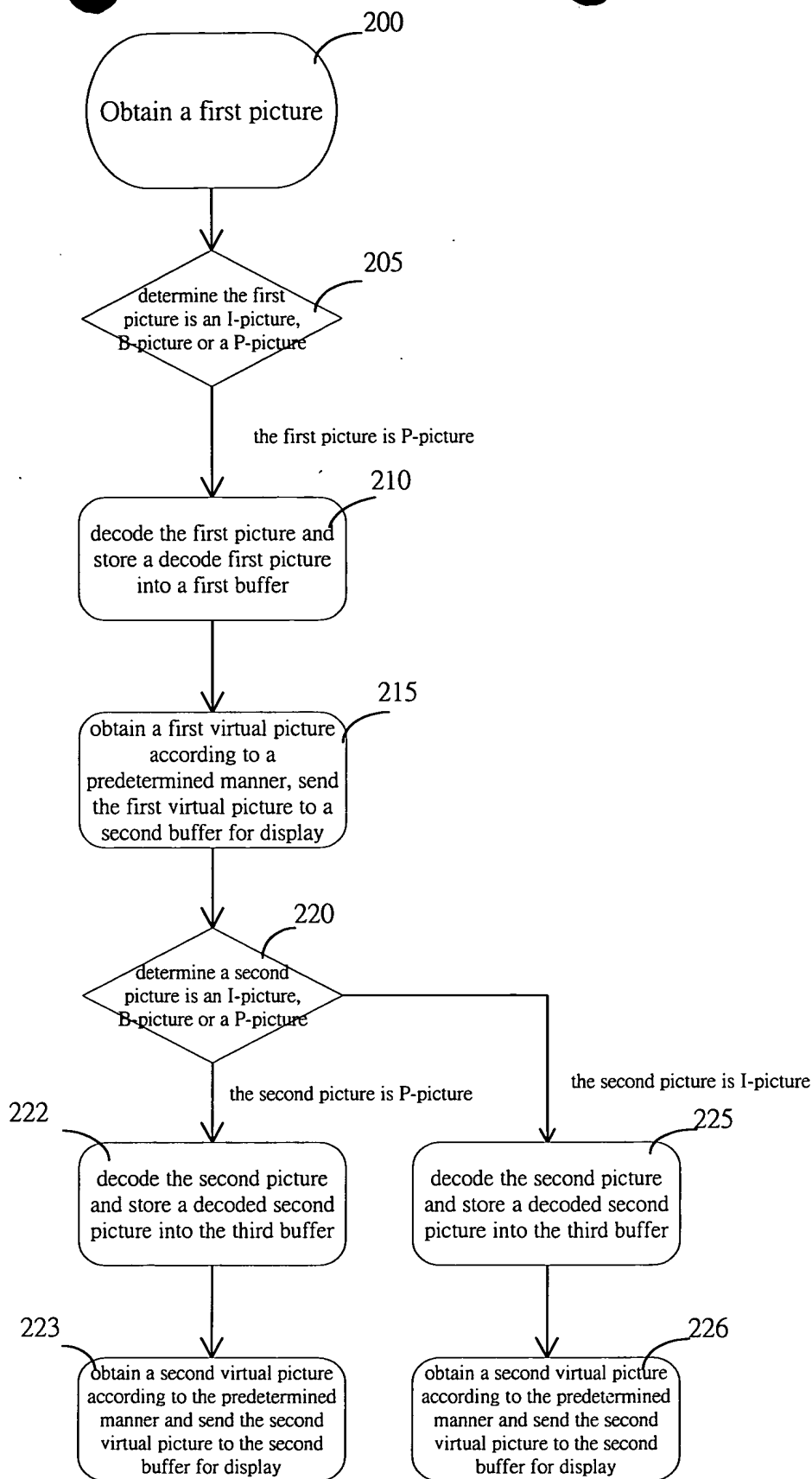


Fig. 2 (b)

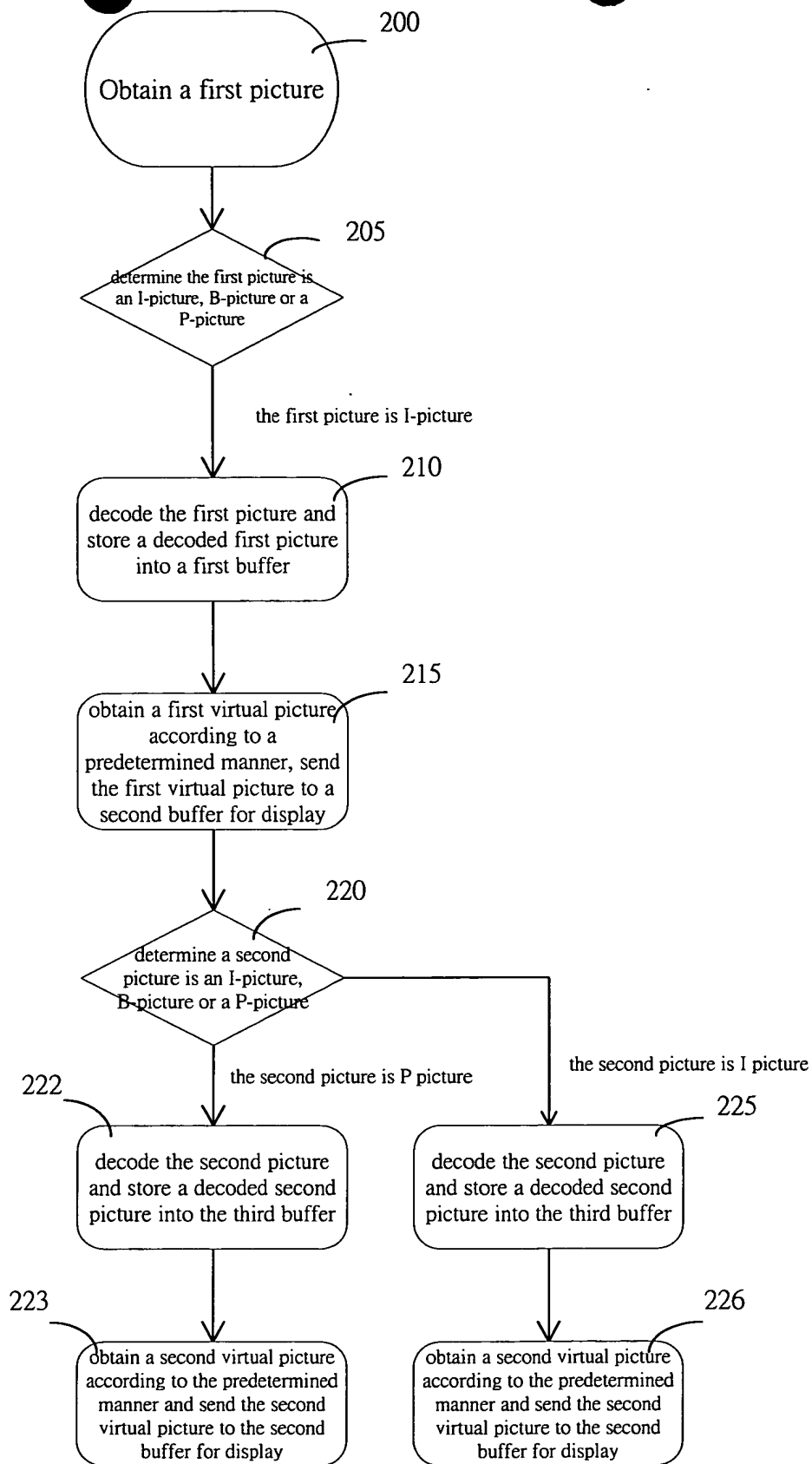


Fig. 2 (a)

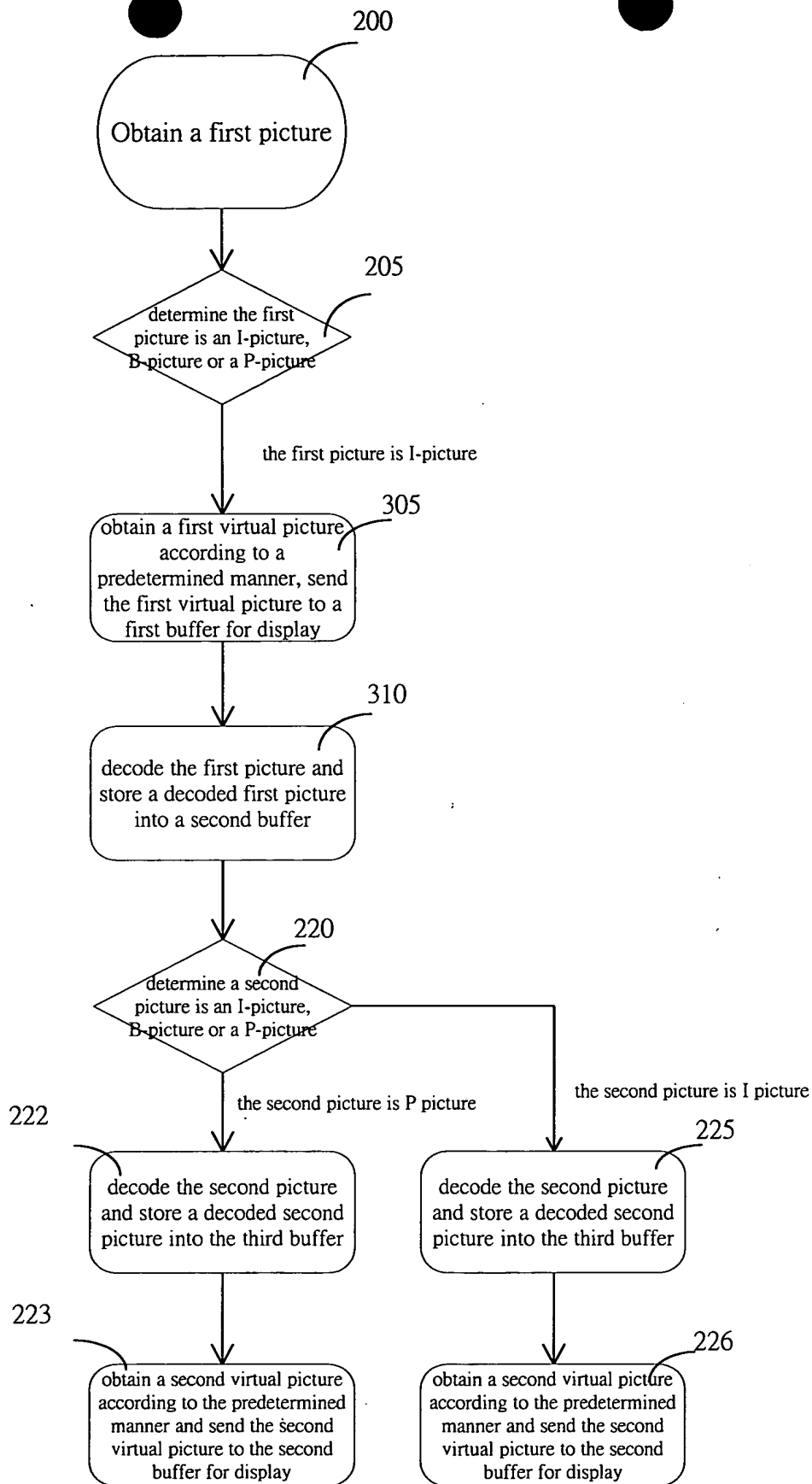


Fig. 3 (a)

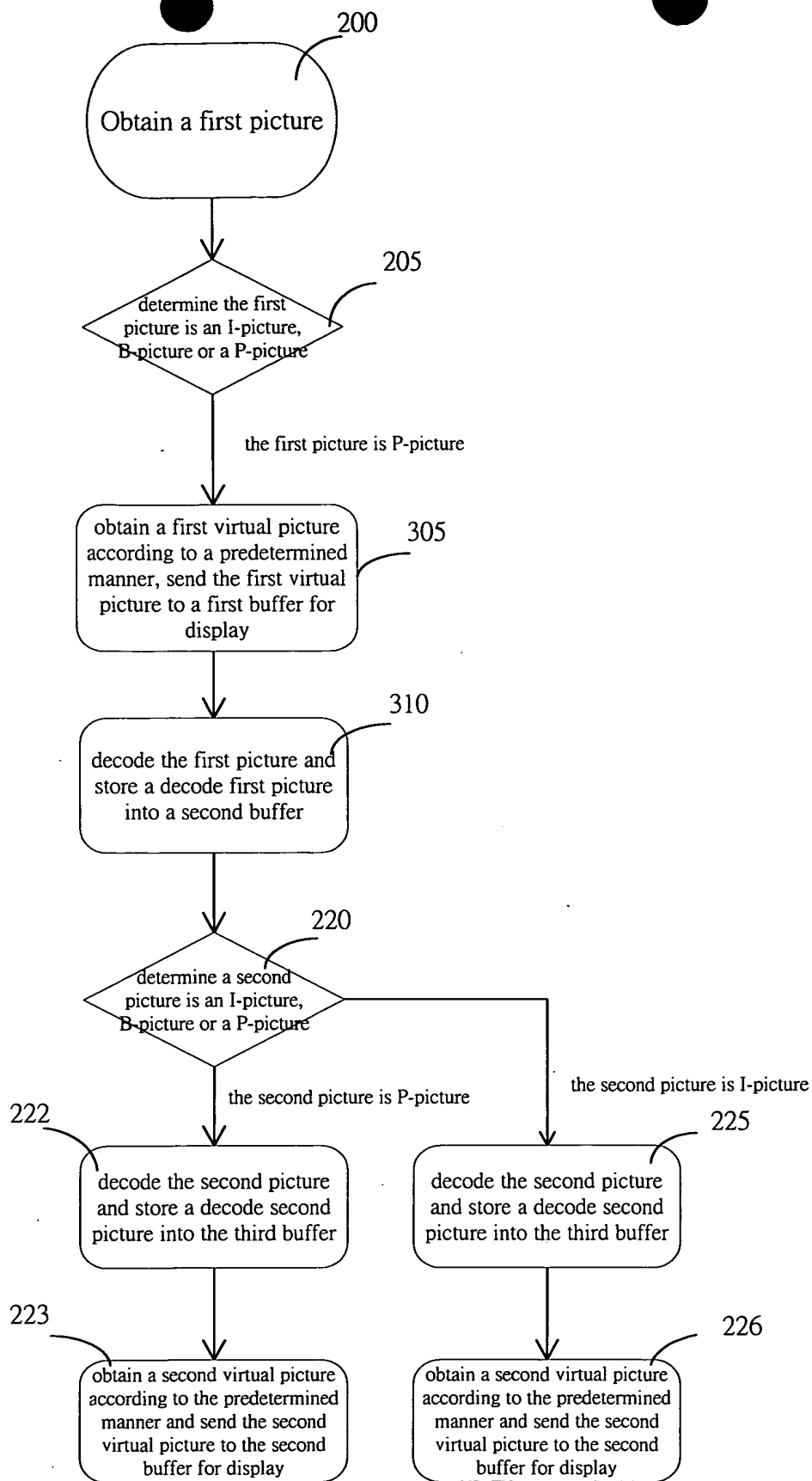


Fig. 3 (b)

time	(display sequence) second buffer	first buffer	third buffer	decode sequence
t 1		I 0		I 0
t 2	I 0 ← generate the virtual picture of I0 and send to second buffer	I 0	P 3 decode P3 and store decoded P3 into third buffer	P 3
t 3	B 1	I 0	P 3	B 1
t 4	B 2	I 0	P 3	B 2
t 5	P 3 ← generate the virtual picture of P3 and send to second buffer	P 6 decode P6 and store decoded P6 into first buffer	P 3	P 6
t 6	B 4	P 6	P 3	B 4
t 7	B 5	P 6	P 3	B 5
t 8	P 6 ← generate the virtual picture of P6 and send to second buffer	P 6	I 9 decode I9 and store decoded I9 into third buffer	I 9
t 9	B 7	P 6	I 9	B 7
t 10	B 8	P 6	I 9	B 8
t 11	I 9 ← generate the virtual picture of I9 and send to second buffer	P 12 decode P12 and store decoded P12 into first buffer	I 9	P 12
t 12	B 10	P 12	I 9	B 10
t 13	B 11	P 12	I 9	B 11
t 14	P 12 ← generate the virtual picture of P12 and send to second buffer	P 12	P 15 decode P15 and store decoded P15 into third buffer	P 15

Fig. 4